Bluetooth Bee HC-05

User Manual

TECHSHOP
Bangladesh

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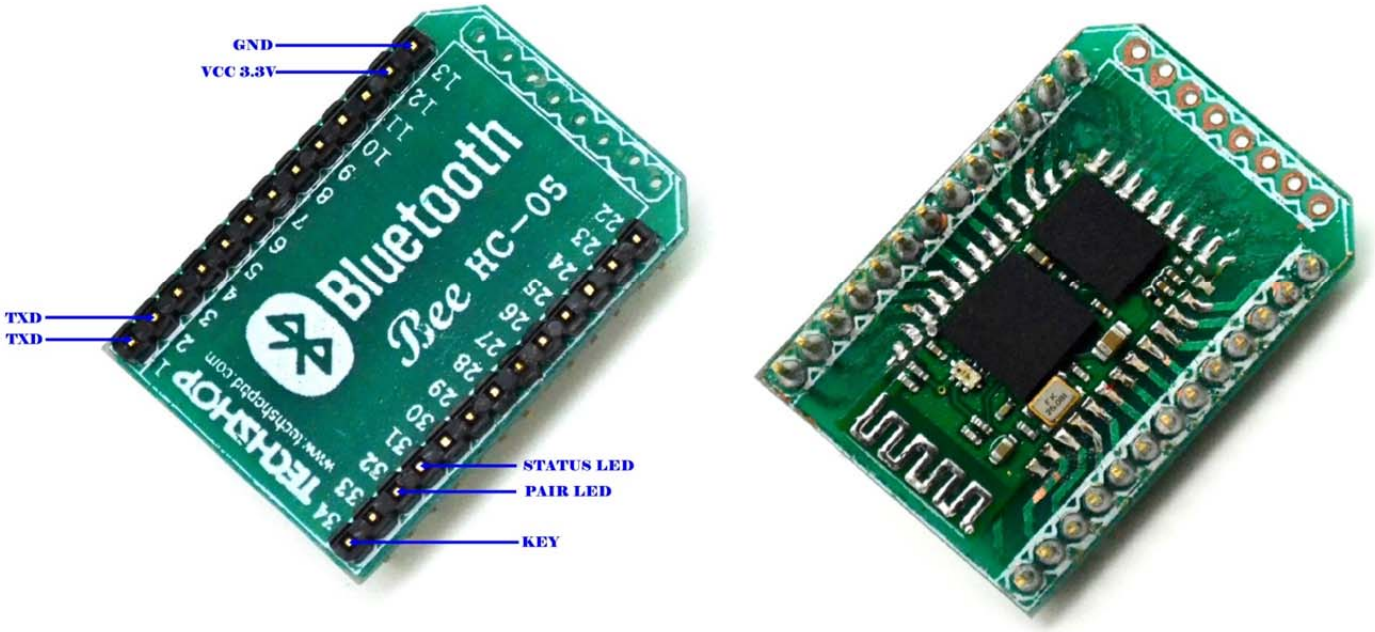
Bluetooth Bee HC-05 Introduction

Bluetooth Bee is a simple breakout board for the Bluetooth Module, pin distance as 0.1 inch, designed for transparent wireless serial connection setup. Bluetooth Bee can be configured to Master, Slave or Loopback three different modes and it will connect to or be connected by other devices that support SPP protocol per configuration, and it is a suitable substitute for most applications.



Communication between Arduino and Bluetooth Bee

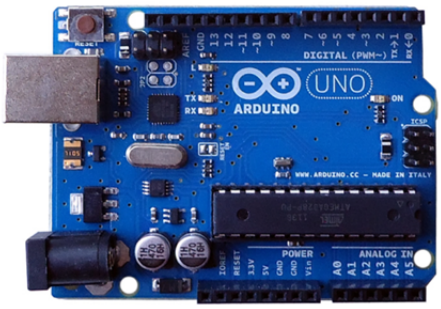
STATUS LED: flashes at different rates to indicate different status like searching, config, connected.

LED PAIR: Lights on continuously when matching and data connection is established successfully.

KEY: Button Press to make pin#34 high, then module enters AT command mode for configuration. Unpress pin#34 Low and module is in normal working mode. Power off the module when making this change.

VCC 3.3V: Must you have to connect the pin#12 3.3V Supplies. (Arduino or other Board.)

Arduino uno



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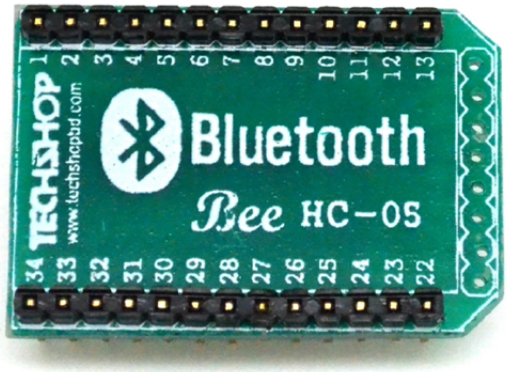

Connection Diagram